

ABSTRACT

Methods and apparatuses for calculating and transmitting medication dosage or bolus information are provided. A blood glucose meter receives a test strip with a sample of the user's blood and measures the user's blood glucose level with a sensor. The meter then calculates a bolus amount that is transmitted to a medication infusion pump using a radio frequency transmitter or transceiver. The infusion pump receives the bolus amount data and then delivers a bolus of medication to the user based on the calculated bolus estimate. The meter may also transmit commands to, and be used to remotely control, the infusion pump.